Journal of Dentistry, 8, No. 4, 1980, pp. 369–376. *Printed in Great Britain*

INDEX

Volume 8 Numbers 1–4 March–December 1980

Abstracts, 93, 186, 281, 367
Acid etch technique, simplified, in restoration of hypoplastic teeth, 81
Adhesives, denture, composition and rheology of, 109
  side effect, 35
Al-Nakash S.: *see* Ellis B.
Allan R.: *see* Richardson A.
Amalgams, dental, stress relaxation studies on, 163
Avulsed tooth, traumatic, splinting, 260

Bacterial contamination of dental handpieces, 249
Baigrie D. A.: *see* Lloyd C. H.
Barsby M. J.: *see* Schwarz W. D.
Bates J. F.: *see* Stafford G. D.
Blinkhorn A. S.: Factors influencing the transmission of the toothbrushing routine by mothers to their pre-school children, 307
Book Reviews (see Reviews)
Braden M.: Dental materials: 1977 literature review Part II, 43
Braden M.: *see also* Pearson G. J.
Brown I. D.: Dental materials: 1978 literature review Part I, 189, Part II, 222
Buchanan Watson I. and Macdonald D. G.: A post-mortem study of the mucosa in the edentulous mouth, 327

Cements, dental, sensitive conductimetric method for measuring material initially water-leached from, 263
  glass–ionomer, characterization of, 68
Children's dentistry, five per cent lignocaine solution in, 312
Combe E. C.: *see* Sanad M. E. E.
Composite filling materials, relationship between thermal properties of, 178
  repairs, tensile strength of, 171
Conservative dentistry, basic techniques and materials for, 283
  graduates' opinions of their training in, 75
Crisp S., Lewis B. G. and Wilson A. D.: Characterization of glass–ionomer cements, 68
Cross-infection in a dental surgery with particular reference to serum hepatitis, 20
  dentistry, 1
  with particular reference to oral surgery and periodontics, 8
Curson I.: *see* Jacobsen P. H.

Dayal P. K., Mani N. J. and Verma P. K. : Talon cusp: a review and case report, 85
Dental failure, partial, long-term clinical survey of, 333
Denture(s) adhesives, composition and rheology of, 109
  adhesives: side effect, 35
  base polymers, properties of, 292
  materials, acrylic, structure and surface topography of, 102
  partial, mandibular, with bounded and free-end saddles, stress analysis of, 27
  prosthetics, partial, survey of practice of, in United Kingdom, 95
Dhanani N.: *see* Sidhu S. S.
Die and model materials, hardening of, by epoxy resin, 158

Eccles J. D.: The management of sterilization in dental teaching hospitals, 3
Eccles J. D.: *see also* Gross J.
Edentulous mouth, post-mortem study of mucosa in, 327
Eini R.: *see* Gazit E.
Elderly inpatient, dental treatment of, 341
Electrical impedance with formation of subsurface lesions in tooth enamel, correlation of changes in, 355
Ellis B., Al-Nakash S. and Lamb D. J. : The composition and rheology of denture adhesives, 109
Ellis B. and Faraj S. A. A.: The structure and surface topography of acrylic denture base materials, 102
Enamel, tooth, subsurface lesions in, correlation of changes in electrical impedance with formation of, 355
Erridge P. L.: Restoration of the teeth in a case of oligodontia, 132
Extraction, mandibular posture following, 315

Farah J. W. : *see* MacGregor A. R.
Faraj S. A. A.: *see* Ellis B.
Fearnhead R. W.: *see* Matsumato H.
Form FP17, comprehensibility of, 349

Gazit E., Eini R. and Hirsh N.: The use of replacement wax carving technique in teaching dental morphology, 270

Gelbier S., Knight J. and Plamping D.: Comprehensibility of the Form FP17, 349
Giles D. L. and Murphy W. M.: Dental treatment of the elderly inpatient, 341
Glass–ionomer cements, characterization of, 68
Glenwright H. D.: Cross-infection in dentistry: with particular reference to oral surgery and periodontics, 8
Grant A. A.: *see* Sanad M. E. E.
Gross J. and Eccles J. D.: Attitudes of 50 subjects to simulated treatment in 4 dental suites, 321
Gypsum, effect of model sealant solutions on properties of, 152

Handley R. W.: *see* Stafford G. D.
Handpieces, dental, bacterial contamination of, 249
Hesmondhalgh D. E.: *see* Wain E. A.
Hirsh N.: *see* Gazit E.
Holbrook W. P.: *see* Kellett M.
Huggett R.: *see* Stafford G. D.
Hypoplastic teeth, restoration of, simplified acid etch technique, 81

Jacobsen P. H. and Curson I.: Graduates' opinions of their training in conservative dentistry, 75
Jacobsen P. H. and Robinson P. B.: Basic techniques and materials for conservative dentistry, 283
Jeffrey I. W.: *see* Lloyd C. H.
Joint sounds, temporomandibular, 119

Kellett M. and Holbrook W. P.: Bacterial contamination of dental handpieces, 249
King N. M. and Rule D. C.: Restoration of hypoplastic teeth – a simplified acid etch technique, 81
Knight J.: *see* Gelbier S.

Lamb D. J.: Denture adhesives: a side effect, 35
Lamb D. J.: *see also* Ellis B.
Lewis B. G.: *see* Crisp S.
Lignocaine solution, five per cent, in children's dentistry, 312
clinical experience with, 128
Lining materials, soft, effect of, on growth of *Candida albicans*, 144
Lloyd C. H., Baigrie D. A. and Jeffrey I. W.: The tensile strength of composite repairs, 171
Lownie J. F. and Rea M. A.: Splinting a traumatically avulsed tooth, 260
Lui J. L.: Bilateral 180° rotation of maxillary second premolars: a case report, 257

McCabe J. F.: *see* Pearson G. J.
Macdonald D. G.: *see* Buchanan Watson I.
MacFarlane T. W.: Sterilization in general dental practice, 13
MacGregor A. R., Miller T. P. G. and Farah J. W.: Stress analysis of mandibular partial dentures with bounded and free-end saddles, 27
Mack P. J.: Two-part record blocks – a clinical report, 182
Mandible, benign osteoblastoma of, 254
Mandibular partial dentures with bounded and free-end saddles, stress analysis of, 27
posture following tooth extraction, 315
Mani N. J.: *see* Dayal P. K.
Martin J. R., Watt D. and Yemm R.: An analysis of the performance of a dual-frequency dental laboratory vibrator, 275
Materials, composite filling, relationship between thermal properties of, 178
for conservative dentistry, basic techniques and, 283
dental: 1977 literature review Part II, 43
1978 literature review Part I, 189
1978 literature review Part II, 222
stress relaxation studies on: 3. Dental amalgams, 163
denture base, acrylic, structure and surface topography, 102
lining, soft, effect of, on growing of *Candida albicans*, 144
model and die, hardening of, by epoxy resin, 158
Matsumato H. and Fearnhead R. W.: On the ability to correlate changes in electrical impedance with the formation of subsurface lesions in tooth enamel, 355
Maxillary second premolars, bilateral 180° rotation of: case report, 257
Merson S. A.: *see* Wilson A. D.
Miller T. P. G.: *see* MacGregor A. R.
Model and die materials, hardening of, by epoxy resin, 158
Morphology, dental, teaching of, use of replacement wax carving technique in, 270
Mucosa in the edentulous mouth, post-mortem study of, 327
Murphy W. M.: *see* Giles D. L.

Oligodontia, restoration of teeth in case of, 132
Oral surgery and periodontics, cross-infection in, 8
Osteoblastoma, benign, of mandible, 254

Paddon J. M. and Wilson A. D.: Stress relaxation studies on dental materials: 3. Dental amalgams, 163
Parkash H.: *see* Sidhu S. S.
Pearson G. J., Wills D. J., Braden M. and McCabe J. F.: The relationship between thermal properties of composite filling materials, 178
Periodontics and oral surgery, cross-infection in, 8
Plamping D.: *see* Gelbier S.
Prosser H. J.: *see* Wilson A. D.

Record blocks, two-part, clinical report, 182
Reviews
The advance of the dental profession: A centenary history of the British Dental Association, 1880–1980 (BDA), 305

Analgesie par acupuncture en dentisterie operatoire et chirurgicale (M. Bresset), 363
Basics of applied dental biochemistry (Williams and Elliott), 185
The Bratislava project: some results of cleft palate surgery (ed. H. L. Morris), 259
Cariology (E. Newbrun), 88
A colour atlas of clinical conditions in paedodontics (R. Rapp and G. B. Winter), 92
A colour atlas and textbook of oral anatomy (B. K. B. Berkovitz), 90
Dental technology and materials for students, 7th ed. (J. Osborne, H. J. Wilson and M. A. Mansfield), 362
Emergencies in dental practice: prevention and treatment, 3rd ed. (ed. F. M. McCarthy), 364
A handbook for dental hygienists (W. J. N. Collins, J. O. Forrest and T. F. Walsh), 279
Histology of the human tooth (ed. I. A. Mjor and O. Fejerskov), 256
Inlays, crowns and bridges: a clinical handbook (C. R. Cowell, I. Curson, G. F. Kantorowicz and D. S. Shovelton), 88
Lecture notes on drugs for dental students (T. J. Wilkin and P. N. Davidson), 184
Local analgesia, 2nd ed. (C. Jolly), 364
Local analgesia in dentistry, 2nd ed. (ed. D. H. Roberts and J. H. Sowray), 363
The morphology of salivary glands (J. A. Young and E. W. Van Lennep), 91
Oral diagnosis (W. R. Tyldesley), 89
Oral microbiology and infectious disease (G. W. Burnett and G. S. Schuster), 89
Precision attachments in dentistry, 3rd ed. (H. W. Preiskel), 366
Principles and practice of periodontics: with an atlas of treatment (ed. F. M. Wentz), 280
Self assessment questions and answers for dental assistants (P. L. Erridge), 90
Variations in morphology of teeth: anthropologic and forensic aspects (R. M. S. Taylor), 91
Richardson A. and Allan R.: Mandibular posture following tooth extraction, 315
Robinson P. B.; *see* Jacobsen P. H.
Rood J. P. and Sowray J. H.: Clinical experience with 5 per cent lignocaine solution, 128
Rood J. P.: *see also* Sandy J.
Rotary dental instrumentation, fundamental design factors in, 135
Rotation, bilateral 180°, of maxillary second premolars: case report, 257
Rule D. C.: *see* King N. M.

Sanad M. E. E., Combe E. C. and Grant A. A.: The effect of model sealant solutions on the properties of gypsum, 152
Sandy J. and Rood J. P.: Five per cent lignocaine solution in children's dentistry, 312
Schwarz W. D. and Barsby M. J.: A survey of the practice of partial denture prosthetics in the United Kingdom, 95
Sealant solutions, model, effect of, on properties of gypsum, 152
Serum hepatitis, cross-infection in dental surgery with particular reference to, 20
Shovelton D. S.: Cross-infection in dentistry, 1
Sidhu S. S., Parkash H. and Dhanani N.: Benign osteoblastoma of the mandible, 254
Sims W.: The problem of cross-infection in dental surgery with particular reference to serum hepatitis, 20
Smales R. J.: *see* Wetherall J. D.
Sowray J. H.: *see* Rood J. P.
Splinting traumatically avulsed tooth, 260
Stafford G. D., Bates J. F., Huggett R. and Handley R. W.: A review of the properties of some denture base polymers, 292
Sterilization in general dental practice, 13
management of, in dental teaching hospitals, 3
Stress analysis of mandibular partial dentures with bounded and free-end saddles, 27
relaxation studies on dental materials: 3. Dental amalgams, 163
Suites, dental, differing, attitudes of 50 subjects to simulated treatment in, 321

Talon cusp: review and case report, 85
Temporomandibular joint sounds, 119
Toothbrushing routine, factors influencing transmission of, by mothers to their pre-school children, 307
Two-part record blocks, clinical report, 182

Verma P. K.: *see* Dayal P. K.
Vibrator, dental laboratory, dual-frequency, analysis of performance of, 275

Wain E. A. and Hesmondhalgh D. E.: Fundamental design factors in rotary dental instrumentation, 135
Watt D. M.: Temporomandibular joint sounds, 119
Watt D. M.: *see also* Martin J. R.
Wax carving technique, replacement, use of, in teaching dental morphology, 270
Wetherall J. D. and Smales R. J.: Partial dental failure: a long-term clinical survey, 333
Wills D. J.: *see* Pearson G. J.
Wilson A. D., Merson S. A. and Prosser H. J.: A sensitive conductimetric method for measuring the material initially water-leached from dental cements, 263
Wilson A. D.: *see also* Crisp S.; Paddon J. M.
Wright P. S.: The effect of soft lining materials on the growth of *Candida albicans*, 144

Yemm R.: *see* Martin J. R.

JOURNAL of DENTISTRY

Volume 8 Numbers 1–4 March–December 1980

Editor:
R. I. Nairn, MSc, FDS RCS

Editorial advisers:
Donald D. Derrick, DDS, LDS RCS
G. R. Seward, MDS, FDS RCS, MB BS

Editorial board:
M. Braden, BSc, PhD, FInstP, FPRI
R. A. Cawson, MD, BDS, FDS RCS and RCPS, MRCPath
M. P. Coplans, MB BS, FFA RCS
R. W. Fearnhead, DSc, MDS
F. Harty, BDSc, LDS RCS
D. Henderson, MB BS, BDS, FDS RCS
J. B. Kieser, BDS, FDS RCS
Malcolm J. Munday, BDS
H. W. Preiskel, MSc, MDS, FDS
D. S. Shovelton, BSc, BDS, FDS RCS
N. E. Waters, MSc, PhD, FInstP

BRISTOL: JOHN WRIGHT & SONS LTD

© JOHN WRIGHT & SONS LTD, 1980
All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the Copyright owner.

Printed in Great Britain by Henry Ling Ltd
a subsidiary of John Wright & Sons Ltd
at the Dorset Press, Dorchester

CONTENTS OF VOLUME 8

NUMBER 1

Cross-infection in dentistry: Introduction — *D. S. Shovelton* — 1
The management of sterilization in dental teaching hospitals — *J. E. Eccles* — 3
Cross-infection in dentistry: with particular reference to oral surgery and periodontics — *H. D. Glenwright* — 8
Sterilization in general dental practice — *T. W. MacFarlane* — 13
The problem of cross-infection in dental surgery with particular reference to serum hepatitis — *W. Sims* — 20
Stress analysis of mandibular partial dentures with bounded and free-end saddles — *A. R. MacGregor, T. P. G. Miller and J. W. Farah* — 27
Denture adhesives: a side effect — *D. J. Lamb* — 35
Dental materials: 1977 literature review Part II — *M. Braden* — 43
Characterization of glass–ionomer cements — *S. Crisp, B. G. Lewis and A. D. Wilson* — 68
Graduates' opinions of their training in conservative dentistry — *P. H. Jacobsen and I. Curson* — 75
Restoration of hypoplastic teeth—a simplified acid etch technique — *N. M. King and D. C. Rule* — 81
Talon cusp: a review and case report — *P. K. Dayal, N. J. Mani and P. K. Verma* — 85
Book Reviews — 88
Abstracts — 93

NUMBER 2

A survey of the practice of partial denture prosthetics in the United Kingdom — *W. D. Schwarz and M. J. Barsby* — 95
The structure and surface topography of acrylic denture base materials — *B. Ellis and S. A. A. Faraj* — 102
The composition and rheology of denture adhesives — *B. Ellis, S. Al-Nakash and D. J. Lamb* — 109
Temporomandibular joint sounds — *D. M. Watt* — 119
Clinical experience with 5 per cent lignocaine solution — *J. P. Rood and J. H. Sowray* — 128
Restoration of the teeth in a case of oligodontia — *P. L. Erridge* — 132
Fundamental design factors in rotary dental instrumentation — *E. A. Wain and D. E. Hesmondhalgh* — 135
The effect of soft lining materials on the growth of *Candida albicans* — *P. S. Wright* — 144
The effect of model sealant solutions on the properties of gypsum — *M. E. E. Sanad, E. C. Combe and A. A. Grant* — 152
Hardening of model and die materials by an epoxy resin — *M. E. E. Sanad, E. C. Combe and A. A. Grant* — 158
Stress relaxation studies on dental materials: 3. Dental amalgams — *J. M. Paddon and A. D. Wilson* — 163
The tensile strength of composite repairs — *C. H. Lloyd, D. A. Baigrie and I. W. Jeffrey* — 171
The relationship between thermal properties of composite filling materials — *G. J. Pearson, D. J. Wills, M. Braden and J. F. McCabe* — 178
Two-part record blocks—a clinical report — *P. J. Mack* — 182
Book Reviews — 184
Abstracts — 186

NUMBER 3

Dental materials: 1978 literature review Part I — *D. Brown* — 189
Dental materials: 1978 literature review Part II — *D. Brown* — 222
Bacterial contamination of dental handpieces — *M. Kellett and W. P. Holbrook* — 249
Benign osteoblastoma of the mandible — *S. S. Sidhu, H. Parkash and N. Dhanani* — 254
Bilateral 180° rotation of maxillary second premolars: a case report — *J. L. Lui* — 257
Splinting a traumatically avulsed tooth — *J. F. Lownie and M. A. Rea* — 260
A sensitive conductimetric method for measuring the material initially water-leached from dental cements — *A. D. Wilson, S. A. Merson and H. J. Prosser* — 263
The use of replacement wax carving technique in teaching dental morphology — *E. Gazit, R. Eini and N. Hirsh* — 270
An analysis of the performance of a dual-frequency dental laboratory vibrator — *J. R. Martin, D. Watt and R. Yemm* — 275
Book Reviews — 279
Abstracts — 281

NUMBER 4

Basic techniques and materials for conservative dentistry — *P. H. Jacobson and P. B. Robinson* — 283
A review of the properties of some denture base polymers — *G. D. Stafford, J. F. Bates, R. Huggett and R. W. Handley* — 292
Factors influencing the transmission of the toothbrushing routine by mothers to their pre-school children — *A. S. Blinkhorn* — 307
Five per cent lignocaine solution in children's dentistry — *J. Sandy and J. P. Rood* — 312
Mandibular posture following tooth extraction — *A. Richardson and R. Allan* — 315
Attitudes of 50 subjects to simulated treatment in 4 dental suites — *J. Gras and J. D. Eccles* — 321
A post-mortem study of the mucosa in the dentulous mouth — *Ian Buchanan Watson and Donald Gordon Macdonald* — 327
Partial dental failure: a long-term clinical survey — *John D. Wetherall and Roger J. Smales* — 333
Dental treatment of the elderly inpatient — *D. L. Giles and W. M. Murphy* — 341
Comprehensibility of the form FP17 — *S. Gelbier, J. Knight and D. Plamping* — 349
On the ability to correlate changes in electrical impedance with the formation of subsurface lesions in tooth enamel — *H. Matsumato and R. W. Fearnhead* — 355
Book Reviews — 362
Abstracts — 367
Index — 369